

Storm Data and Unusual Weather Phenomena - April 2007

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
KANSAS, Southeast				
RUSSELL (KS-Z032), LINCOLN (KS-Z033), BARTON (KS-Z047), ELLSWORTH (KS-Z048), SALINE (KS-Z049), RICE (KS-Z050), MCPHERSON (KS-Z051), MARION (KS-Z052), CHASE (KS-Z053), RENO (KS-Z067), HARVEY (KS-Z068), BUTLER (KS-Z069), GREENWOOD (KS-Z070), WOODSON (KS-Z071), ALLEN (KS-Z072), KINGMAN (KS-Z082), SEDGWICK (KS-Z083), HARPER (KS-Z091), SUMNER (KS-Z092), COWLEY (KS-Z093), ELK (KS-Z094), WILSON (KS-Z095), NEOSHO (KS-Z096), CHAUTAUQUA (KS-Z098), MONTGOMERY (KS-Z099), LABETTE (KS-Z100)				
	04/04/07 03:00 CST	0		Frost/Freeze
	04/08/07 09:00 CST	0		
<p>An Arctic blast brought freezing temperatures to Central, South Central and Southeast Kansas. Freezing temperatures started the evening of the 4th in Central Kansas, the 5th for South Central Kansas and the 6th for Southeast Kansas. The freeze peaked the morning of the 7th as lows bottomed out in the lower 20s. The Arctic outbreak came to an end during the morning hours of Easter Sunday. Although temperatures rose above freezing during the daytime hours, the prolonged and bitter cold temperatures wreaked havoc on Kansas crops. The winter wheat crop suffered the most damage as the freeze happened during the jointing stage. Freezing temperatures during this phase of wheat growth causes moderate to severe damage to the plant. But even this depended on when the farmer planted their wheat. The 50th annual Wheat Quality Council, which tours Kansas to assess the potential crop yield, noted that in some areas there was no noticeable freeze damage while a field across the street was nearly 100% damaged. The bulk of freeze damage occurred in Central Kansas, traditionally the heart of Kansas wheat production. The cost of damage to the winter wheat crop from the Easter Weekend freeze is not known, but estimates place it at hundreds of millions of dollars.</p>				
RUSSELL (KS-Z032), LINCOLN (KS-Z033), ELLSWORTH (KS-Z048), RICE (KS-Z050), CHASE (KS-Z053), HARVEY (KS-Z068), BUTLER (KS-Z069), GREENWOOD (KS-Z070), SEDGWICK (KS-Z083), ELK (KS-Z094)				
	04/05/07 12:30 CST	0		Winter Weather
	04/05/07 23:00 CST	0		
SALINE (KS-Z049), MCPHERSON (KS-Z051), MARION (KS-Z052)				
	04/05/07 12:30 CST	2.50K		Winter Storm
	04/05/07 23:00 CST	0		
<p>A backdoor cold front pushed southwestward into portions of Central through Southeast Kansas during the morning hours of April 5th. This front eventually stalled out and interacted with an upper level system to spawn a rather intense and narrow band of snow. The band of snow stretched from Russell and Lincoln counties southeastward, intensified across Saline, McPherson and Marion counties before losing steam across Greenwood and Elk counties. The heaviest, most intense snow fell from southwest Saline County to southeast Marion County and encompassed the northeast two-thirds McPherson County. This area saw 6 to 8 inches of snow.</p>				
WOODSON COUNTY				
YATES CENTER	04/13/07 17:00 CST	5K		Heavy Rain
	04/14/07 07:30 CST	0		37.88N, 95.73W
<p>A fatal car accident happend at 10:45 pm when a pickup truck hydroplaned and crashed into a car. A 51 year old passanger of the car was killed. The Coffeyville Journal contributed to this report.</p>				
MARION (KS-Z052), HARVEY (KS-Z068)				
	04/13/07 17:00 CST	0		Winter Storm
	04/14/07 07:30 CST	0		
RICE (KS-Z050), MCPHERSON (KS-Z051), CHASE (KS-Z053), RENO (KS-Z067), BUTLER (KS-Z069), GREENWOOD (KS-Z070)				
	04/13/07 17:00 CST	15K		Winter Weather
	04/14/07 07:30 CST	0		
ALLEN COUNTY				
IOLA	04/14/07 05:00 CST	0		Flood (due to Heavy Rain)
	04/14/07 07:30 CST	0		37.92N, 95.4W
<p>Flooding was reported at several low-water crossings in the county.</p>				
LABETTE COUNTY				
PARSONS	04/14/07 05:04 CST	0		Flood (due to Heavy Rain)
	04/14/07 07:30 CST	0		37.35N, 95.27W
<p>Several county roads were closed due to flooding.</p>				

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A powerful spring snowstorm moved through Kansas from the afternoon of April 13th to the early morning hours of April 14th. Winter storm warnings were hoisted for much of Central and South Central Kansas. The storm was strong enough that numerous areas reported thundersnow. All the ingredients came together for significant snowfall except that temperatures in the lowest part of the atmosphere just weren't cold enough to support heavy snow. None-the-less, a swath of heavy, wet snow on the order of 5 to 6 inches fell from northern Harvey through Chase Counties. Lesser amounts on the order of 2 to 4 inches blanketed areas from Kingman through Reno and McPherson Counties. 1 to 2 inches fell across Sedgwick County with the Mid-Continent Airport setting a record for the latest measurable snowfall. ICT recorded 0.8 inches of snow on April 14th and combined with the 0.5 inches on the 13th from the storm. The copious amounts of moisture spiraling into the storm system also caused minor flooding in portions of Southeast Kansas.				
LABETTE COUNTY				
2.9 ENE EDNA	04/24/07 15:55 CST		0.10M	Thunderstorm Wind (EG 61 kt)
	04/24/07 15:55 CST		0	37.06N, 95.32W
An untied and empty silo was blown over, three barns were completely destroyed, and a grove of cedar trees was snapped in half.				
ELK COUNTY				
0.7 S MOLINE	04/24/07 16:00 CST		0	Hail (0.75 in)
	04/24/07 16:00 CST		0	37.36N, 96.3W
LABETTE COUNTY				
3.9 NW CHETOPA	04/24/07 16:00 CST		15K	Thunderstorm Wind (EG 56 kt)
	04/24/07 16:00 CST		0	37.07N, 95.13W
A few small outbuildings were damaged, and a few power poles were downed.				
RICE COUNTY				
4.7 NNE SILICA	04/24/07 16:40 CST		0	Funnel Cloud
	04/24/07 16:40 CST		0	38.41N, 98.41W
RICE COUNTY				
4.8 S BUSHTON	04/24/07 16:49 CST		0	Funnel Cloud
	04/24/07 16:49 CST		0	38.45N, 98.4W
RENO COUNTY				
7.0 SW NICKERSON	04/24/07 18:01 CST		0	Tornado (EF0, L: 0.03 mi , W: 25 yd)
	04/24/07 18:01 CST		0	38.0784N, 98.171W
Brief touchdown in open country.				
RENO COUNTY				
6.0 SW NICKERSON	04/24/07 18:09 CST		0	Tornado (EF0, L: 0.03 mi , W: 25 yd)
	04/24/07 18:09 CST		0	38.0887N, 98.158W
Multiple very brief touchdowns in open country.				
RENO COUNTY				
5.0 WSW NICKERSON	04/24/07 18:12 CST		0	Tornado (EF0, L: 0.03 mi , W: 25 yd)
	04/24/07 18:12 CST		0	38.1223N, 98.1649W
Brief touchdown in open country. Reported by KWCH-TV.				
RENO COUNTY				
4.0 WSW NICKERSON	04/24/07 18:14 CST		0	Tornado (EF0, L: 0.03 mi , W: 25 yd)
	04/24/07 18:14 CST		0	38.1279N, 98.1479W
Brief touchdown in open country. Reported by KWCH-TV.				
RENO COUNTY				
3.0 WSW NICKERSON	04/24/07 18:16 CST		0	Tornado (EF0, L: 0.03 mi , W: 25 yd)
	04/24/07 18:16 CST		0	38.1334N, 98.1309W
Off duty NWS employee reported a few brief touchdowns in open country.				

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RENO COUNTY				
1.0 NW NICKERSON	04/24/07 18:29 CST		0	Tornado (EF0, L: 0.03 mi , W: 25 yd)
	04/24/07 18:29 CST		0	38.1602N, 98.093W

Brief touchdown in open country. Reported by KWCH-TV.

RICE COUNTY				
3.3 WSW MATHESON	04/24/07 19:00 CST		0	Funnel Cloud
	04/24/07 19:00 CST		0	38.21N, 98.04W

Reported by KAKE-TV.

A potent upper level disturbance and associated dryline sparked scattered strong to severe thunderstorms across the area on the afternoon of March 24th. The first round of thunderstorms pummelled far southeast Kansas with damaging winds and marginally severe hail. The second round of thunderstorms developed across portions of central and south-central Kansas. One lone supercell produced several short-lived tornadoes and funnel clouds across portions of Reno and Rice Counties.